



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **08129634 A**  
 (43) Date of publication of application: **21.05.1996**

(51) Int. Cl. **G06K 19/10**  
**B42D 15/10, G06K 7/10, G06K 17/00**

(21) Application number: **06268779**  
 (22) Date of filing: **01.11.1994**

(71) Applicant: **TEC CORP**  
 (72) Inventor: **SUGIYAMA MAKOTO**

**(54) ID CARD AND ID CARD READER****(57) Abstract:**

**PURPOSE:** To make it difficult to forge a ID card, and to certify the ID card easily at a low cost.

**CONSTITUTION:** The ID card 11 on which a face photograph 12 is stuck and a two-dimensional code 16 consisting of data generated by compressing image information on the face photograph 12 is printed is used, and a camera 22 and a two-dimensional code reader 23 which read the face photograph and two-dimensional code on the ID card 11, a conversion table wherein compression parameters and color information are set, a compression part which compresses the image information, an expansion part which expands the two-dimensional code data or compressed digital data and restores it to the image information, and a

comparison part which compares the image information obtained by the two-dimensional code reader 23 from the two-dimensional code 16 and the image information obtained by the camera 22 from the face photograph 12 and decide whether or not they are the same, are provided in the ID reader 21.

**COPYRIGHT:** (C)1996,JPO

